Index of Claims



Application/Control No.

10/003,417

Date

Examiner

Sujatha Sharma

Applicant(s)/Patent under Reexamination

HONG, JIN-SEOK

Art Unit

2618

|  | <b>√</b> | Rejected |
|--|----------|----------|
|  | =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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|   |                                |

Claim

Restricted

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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|----------------------|--|----------------|--|--|--|--|--|--------------|--|-----------|
| Cla                  | Date   |                |  |  |  |  |  |              |  |           |
| Final                | Original   | 40/4           |  |  |  |  | <u> </u>   |              |  |           |
| <b>L</b>             |  | 13             |  |  |  |  |  |              |  |           |
|                      | _1_  | -              | _  |  | <u> </u>   | <u> </u>   | _  | _            |  |           |
| 1                    | 2  | 1              |  |  | _  |  |  |              |  | Ш         |
|                      | 3  | Ш              |  |  |  |  |  |              |  | Ш         |
|                      | 4  | П              |  |  |  |  |  |              |  |           |
| J                    | 5  | T              |  |  |  |  |  |              | Ī  | П         |
|                      | 6  | Ξ              |  |  |  |  |  |              |  | П         |
| 7                    | 7  | 不              |  |  | <del></del>                                      |  |  | T            | H  | Н         |
| 2                    | 8  | = 1            | $\vdash$   |  |  |  | <del>                                     </del> | -            | <del>                                     </del> | Н         |
| -                    | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9  | _              | -  |  | T  |  |  |              | H  | Н         |
| ×-~~1€               | 10   | A              |  |  | <del>                                     </del> | <del></del>                                      | ┢  | H            | H  | H         |
| H                    | 11   | 1              |  | -  | 1  |  | $\vdash$   | $\vdash$     | $\vdash$   | H         |
| H                    | 12   | H              | $\vdash$   |  | 1  |  | $\vdash$   | H            | H  | H         |
| H                    | 13   | H              | $\vdash$   | $\vdash$   | <del>                                     </del> |  | H  | $\vdash$     |  | Н         |
| H                    | 14   | ††             |  | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$  |
| H                    | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | 廾              | <del>                                     </del> |  |  |  |  | $\vdash$     | <del>                                     </del> | $\vdash$  |
| 1                    | 16   | 1              | H  |  | <del>                                     </del> | $\vdash$   |  | T            | $\vdash$   | Н         |
| 4                    | 17   | =              |  | Г  |  | <del>                                     </del> |  | T            |  | Н         |
| 5                    | 18   | 小              |  |  | <u> </u>   |  |  |              |  | П         |
| 10                   | 19   | T              |  | -  |  |  |  |              |  | H         |
|                      | 20   | -              |  |  |  |  |  |              |  | П         |
| 1                    | 21   | 1              |  |  |  |  | Г  |              |  | П         |
| $\Box$               | 22   |                |  |  |  |  |  |              |  |           |
| *4541.               | 23   | J              |  |  |  |  |  |              |  |           |
| 7                    | 24   | =              |  |  | L_   |  |  |              |  |           |
| _                    | 25   | -              | ļ  | _  | _  | _  | _  |              | <u> </u>   | Щ         |
|                      | 26   | -              | L  |  | _  | <u> </u>   | _  |              | <u> </u>   | Щ         |
|                      | 2/   |                |  |  | _  |  |  |              | ┝  | Н         |
|                      | 20   | ┝              |  | _  | H  | _  | _  | $\vdash$     |  | -         |
|                      | 20   | ├-             |  |  | <u> </u>   |  | _  | ┡            | -  | $\vdash$  |
| $\vdash\vdash\vdash$ | 30<br>31   |                |  | H  | $\vdash$   | H  | $\vdash$   | $\vdash$     | $\vdash$   | Н         |
| <del>  </del>        | 32   | $\vdash$       | $\vdash$   | H  | <del> </del>                                     |  | $\vdash$   | $\vdash$     | $\vdash$   | Н         |
| $\vdash$             | 32   |                | $\vdash$   | H  | ├  | -  | <del> </del>                                     | <del> </del> | $\vdash$   | Н         |
| $\vdash$             | 33<br>34<br>35   | <del>  -</del> |  | H  |  | H  | <u> </u>   | ├-           | $\vdash$   | $\vdash$  |
| $\vdash$             | 35   |                |  | <del></del> -                                    | -  |  | -  | $\vdash$     | $\vdash$   | Н         |
| $\vdash$             | 36   | $\vdash$       | ┢  | <del>                                     </del> |  | Н  | $\vdash$   | $\vdash$     | $\vdash$   | Н         |
|                      | 36<br>37   |                | Н  | Н  | -  | $\vdash$   | <del></del>                                      | $\vdash$     | $\vdash$   | H         |
| $\Box$               | 38   |                |  |  |  | -  | <u> </u>   | $\vdash$     | 1  | $\vdash$  |
| Н                    | 38<br>39   |                |  |  |  |  |  | $\vdash$     |  | Н         |
|                      | 40   | _              |  | Т  |  |  |  | $\vdash$     |  | Н         |
| $\Box$               | 41   |                |  | Г  |  | Т  |  | Г            |  | $\vdash$  |
|                      | 42   | $\Gamma^-$     |  |  |  |  |  |              |  |           |
|                      | 43   |                |  |  |  |  |  |              |  |           |
|                      | 44   |                |  |  |  |  |  |              |  |           |
| L                    | 45   | oxdot          |  |  | L  |  | Ш  |              |  | Ш         |
| $\vdash$             | 46   |                | Ц.,  |  |  | _  |  | Щ            | <u> </u>   | Ш         |
| $\sqcup$             | 47   | <u> </u>       | L.   |  |  |  |  | Ц.           |  | $\square$ |
| <b></b>              | 48   | $\vdash$       |  |  |  |  |  | <u> </u>     | L  | Ц         |
| $\vdash$             | 49   | $\vdash$       | $\vdash$   |  | <u> </u>   |  |  | $\vdash$     | H  | Н         |
|                      | 50   | L              | لــــا   |  | L  |  |  |              | لــــا   | لــــا    |

|   |       | 4011     |   |          |          |   |          | <u> </u>   |          |          |          |
|---|-------|----------|---|----------|----------|---|----------|--|----------|----------|----------|
|   | Final | Original |   |          |          |   |          |  |          |          |          |
| ı |       | 51<br>52 |   |          |          |   |          |  |          |          |          |
| 1 |       | 52       |   |          |          |   |          |  |          |          |          |
| 1 |       | 53       | Г |          |          |   |          |  |          |          |          |
| ı |       | 54<br>55 |   |          |          |   |          |  |          |          |          |
|   |       | 55       |   |          |          |   | <u> </u> |  |          |          |          |
| - |       | 56       |   | -        |          |   |          |  | $\vdash$ | _        |          |
|   |       | 57       |   |          |          |   |          |  |          |          |          |
| - |       | 58       |   |          |          |   |          |  |          |          |          |
|   |       | 59       |   |          |          |   |          |  |          |          |          |
|   |       | 59<br>60 |   | _        | Π        |   |          |  |          |          |          |
|   |       | 61       |   |          |          |   |          |  |          |          |          |
| - |       | 62<br>63 |   |          |          |   |          |  |          |          |          |
| ĺ |       | 63       |   |          |          |   |          |  |          |          |          |
| Ì |       | 64       |   |          |          |   |          |  |          |          |          |
|   |       | 65       |   | ı        |          |   |          |  | Г        |          |          |
| ı |       | 65<br>66 | П | <u> </u> | Ι        |   |          |  |          |          |          |
| 1 |       | 67       |   |          |          | ┍ | _        | <del>                                     </del> |          |          | $\vdash$ |
| 1 |       | 68       |   |          | Г        | ┪ | _        |  |          |          |          |
| ı |       | 68<br>69 |   |          | $\vdash$ | T | $\vdash$ |  |          |          |          |
| ı |       | 70       |   |          |          |   | _        |  |          |          |          |
| Ì |       | 71       |   |          | $\vdash$ |   |          |  |          | $\vdash$ | $\vdash$ |
| ı |       | 72       |   |          |          |   |          |  | $\vdash$ | $\vdash$ |          |
| Ì |       | 73       |   |          |          |   |          |  | $\vdash$ |          |          |
| ı |       | 74       | _ |          | _        |   |          | $\vdash$   |          |          |          |
| ı |       | 75       | _ |          |          |   |          |  |          | $\vdash$ |          |
| ı |       | 76<br>77 |   |          |          |   |          |  |          |          |          |
| 1 |       | 77       |   |          |          |   |          |  |          |          |          |
| ı |       | 78       |   |          |          |   |          |  |          |          | $\neg$   |
| ı |       | 79       |   |          |          |   |          |  |          |          |          |
| 1 |       | 80       |   |          |          |   |          |  |          |          |          |
| 1 |       | 81       |   |          |          |   |          |  |          |          |          |
| 1 |       | 82<br>83 |   |          |          |   |          |  |          |          |          |
| Ī |       | 83       |   |          |          |   |          |  |          |          |          |
| 1 |       | 84       |   |          |          |   |          |  |          |          |          |
| Ī |       | 85       |   |          |          |   |          |  |          |          |          |
| 1 |       | 86       |   |          |          |   |          |  |          |          |          |
| [ |       | 87       |   |          |          |   |          |  |          |          |          |
|   |       | 88       |   |          |          |   |          |  |          |          |          |
|   |       | 89       |   |          |          |   |          |  |          |          |          |
|   |       | 90       |   |          |          |   |          |  |          |          |          |
|   |       | 91       |   |          |          |   |          |  |          |          |          |
|   |       | 92       |   | L        |          |   |          |  |          |          |          |
|   |       | 93       |   |          |          |   |          |  |          |          |          |
|   |       | 94       |   |          |          |   |          |  |          |          |          |
|   |       | 95       |   |          |          |   |          |  |          |          |          |
| [ |       | 96       |   |          |          |   |          |  |          |          |          |
|   |       | 97       |   |          |          |   |          |  |          |          |          |
|   |       | 98       |   |          |          |   |          |  |          |          |          |
| 1 |       | 99       |   |          |          | Ш |          |  |          |          |          |
| [ |       | 100      |   |          |          |   |          |  |          |          |          |

| Final Original    |                 |                                |          |          |                                     |  |                                     |              | П |
|-------------------|-----------------|--------------------------------|----------|----------|-------------------------------------|--|-------------------------------------|--------------|---|
| Final             |                 |                                |          |          |                                     | ı  | 1                                   |              | 1 |
| ir   oio          |                 |                                |          |          |                                     |  |                                     |              |   |
|                   |                 |                                |          |          |                                     |  |                                     |              |   |
|                   |                 |                                | ĺ        |          |                                     |  |                                     |              |   |
| 101<br>102        |                 |                                |          |          |                                     |  |                                     |              |   |
| 102               |                 |                                |          | _        | _                                   |  |                                     |              |   |
| 103<br>104<br>105 |                 |                                |          |          | _                                   |  |                                     |              |   |
| 104               |                 |                                |          |          |                                     |  |                                     |              |   |
| 105               |                 |                                |          |          |                                     |  |                                     |              |   |
| 106               | П               |                                |          |          |                                     |  |                                     |              |   |
| 107               |                 |                                |          |          |                                     |  |                                     |              |   |
| 108               |                 |                                |          |          | Г                                   |  |                                     |              |   |
| 109               |                 |                                |          |          |                                     |  |                                     |              |   |
| 110               |                 |                                |          |          |                                     |  |                                     |              |   |
| 111               |                 |                                |          |          |                                     |  |                                     |              |   |
| 112               |                 |                                |          |          |                                     |  |                                     |              | L |
| 113               |                 | 匚                              |          |          |                                     |  |                                     |              |   |
| 114<br>115        | $\Box$          |                                |          |          |                                     | Ĺ  |                                     |              |   |
| 115               | $\Box$          | L                              | L        |          | Ĺ                                   |  |                                     |              |   |
| 116               |                 |                                |          |          |                                     |  |                                     |              |   |
| 117               |                 |                                |          |          |                                     |  |                                     |              |   |
| 118               |                 |                                |          |          |                                     |  |                                     |              |   |
| 119               |                 |                                |          |          |                                     |  |                                     |              |   |
| 120<br>121        |                 |                                |          |          |                                     |  |                                     |              |   |
| 121               |                 |                                |          |          |                                     |  |                                     |              |   |
| 122               |                 |                                |          |          |                                     | ,  |                                     |              |   |
| 123               | П               |                                |          |          |                                     |  |                                     |              |   |
| 123<br>124        |                 |                                |          |          |                                     |  |                                     |              |   |
| 125               |                 |                                |          |          |                                     |  |                                     |              |   |
| 126<br>127        |                 |                                |          |          |                                     |  |                                     |              |   |
| 127               |                 |                                |          |          |                                     |  |                                     |              |   |
| 128               | <u> </u>        |                                |          |          |                                     |  |                                     |              |   |
| 129<br>130        |                 |                                |          |          |                                     |  |                                     |              |   |
| 130               |                 |                                |          |          |                                     |  |                                     |              |   |
| 131<br>132        |                 |                                | L_       |          |                                     |  |                                     |              |   |
| 132               |                 |                                |          |          |                                     |  |                                     |              |   |
| 133               | <u></u>         |                                |          |          |                                     |  |                                     |              |   |
| 134               |                 |                                |          |          | L                                   |  |                                     |              |   |
| 135               | _               |                                |          |          | <u> </u>                            |  |                                     |              |   |
| 136               | <u> </u>        | L.                             | <u> </u> |          | $oxed{oxed}$                        |  |                                     |              | · |
| 137<br>138        |                 |                                | L.       |          | <u> </u>                            |  |                                     |              |   |
| 138               | _               |                                |          | _        | L                                   | _  |                                     |              |   |
| 139               | $oxed{igspace}$ | L_                             | L.       |          | L_                                  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L            | Ш |
| 140               | $oxed{}$        |                                | L        | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ld}}}}}}$ | Ш                                   | Щ            |   |
| 141               | oxdapsilon      | <u> </u>                       | L        |          | $oxed{oxed}$                        | Ш  |                                     | Ш            | Ш |
| 142               |                 |                                |          |          | <u> </u>                            | Щ  | L                                   | Ш            | Ш |
| 143               | _               |                                | <u>L</u> |          | L                                   |  |                                     |              |   |
| 144               | 乚               | L                              |          |          |                                     |  |                                     |              |   |
| 145               | 匚               | L                              |          |          |                                     |  |                                     |              |   |
| 146               |                 |                                |          |          |                                     |  |                                     | L            |   |
| 147               |                 | oxdot                          |          |          |                                     |  |                                     | $oxed{oxed}$ |   |
| 148               |                 |                                |          |          |                                     |  |                                     |              |   |
| 149               |                 | $oxedsymbol{oxedsymbol{oxed}}$ |          |          | L                                   |  |                                     |              |   |
| 150               | <u>L</u>        |                                |          |          |                                     |  |                                     |              |   |